

Converting Colors

RGB(241, 102, 102)

Have a look what the booklet for
RGB(241, 102, 102) contains.

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Color

RGB(241, 102, 102)

Conversions

Conversions Part 1

Format	Color
Hex	F16666
RGB	241, 102, 102
RGB Percent	95%, 40%, 40%
CMY	0.0549, 0.6000, 0.6000
CMYK	0.00, 0.58, 0.58, 0.05
HSL	0°, 83%, 67%
HSV	0°, 58%, 95%
XYZ	43.4253, 29.1628, 15.9106
YIQ	143.5610, 82.8440, 29.4680

Conversions

Conversions Part 2

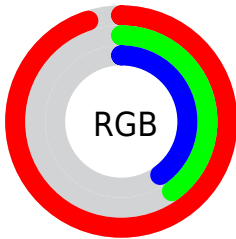
Format	Color
RYB	241, 102, 102
Decimal	15820390
CIELab	60.93, 53.52, 27.29
CIELCh	61, 60.079, 27.012
Yxy	29.1628, 0.4907, 0.3295
Android (android.graphics.Color)	4294010470 (0xFFFF16666)
YUV	143.5610, -20.4896, 85.4540
Hunter-Lab	54.0026, 49.0331, 20.3334

Details

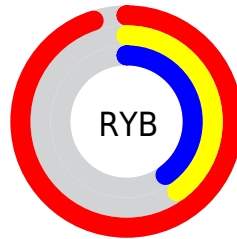
The RGB color **241, 102, 102** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **102, 241, 241**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 157, 153**, and **179, 46, 55** is the 20% darker color. If you saturate the color by 10%, you get **241, 78, 78**, and if you desaturate by 10%, it is **241, 126, 126**.

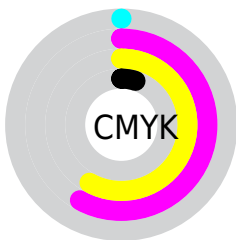
Distribution



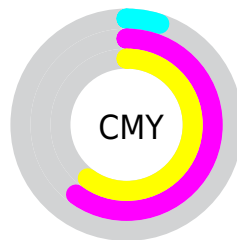
- Red (95%)
- Green (40%)
- Blue (40%)



- Red (95%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (5%)





- Cyan (5%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the RGB color 241, 102, 102 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 241, 102, 102 by changing the saturation by 10% instead.

 241, 102, 102

 241, 102, 102

255, 255, 255

 210, 74, 78

 255, 157, 153

 179, 46, 55

 255, 186, 180

 149, 6, 34

 255, 214, 207

 119, 0, 13

 255, 244, 236


 89, 0, 0

 62, 0, 2


 28, 0, 1

 0, 0, 0


 241, 102, 102

 241, 102, 102


 241, 78, 78

 241, 126, 126


 241, 54, 54

 241, 150, 150

 241, 30, 30

 241, 174, 174


 241, 6, 6

 241, 198, 198

 241, 0, 0

 241, 222, 222

 241, 247, 247

 241, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 97, 155



241, 102, 102



219, 122, 57

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 102, 102



50, 167, 86



0, 155, 253

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



241, 102, 102



102, 241, 241

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 167, 235



241, 102, 102



0, 172, 140

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 102, 102



127, 158, 43



0, 172, 194



138, 135, 242

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 102, 102



194, 136, 35



0, 172, 194



0, 160, 250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



241, 102, 102



255, 212, 212



241, 102, 241



128, 102, 102



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 102, 102



255, 79, 79



241, 171, 102



120, 108, 108



184, 0, 0



56, 0, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



102, 241, 241



79, 255, 255



102, 171, 241



108, 120, 120



0, 184, 184



0, 56, 56

Previews

White Background



This preview shows how the RGB color 241, 102, 102 looks on a white background.

Color Contrast Check

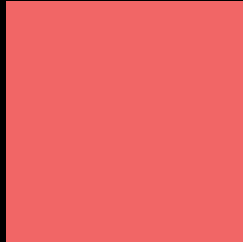
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 241, 102, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 241, 102, 102 Background



This preview shows how black text looks on a background with the RGB color 241, 102, 102.

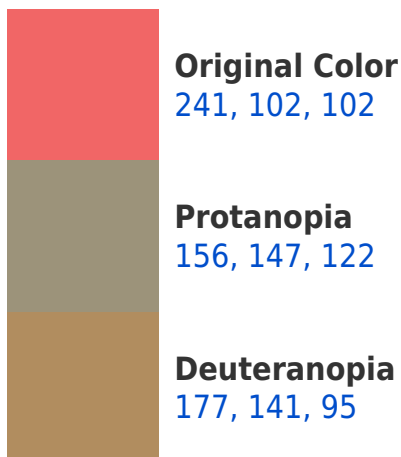



This preview shows how white text looks on a background with the RGB color 241, 102, 102.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
241, 101, 108

Trichromacy



Original Color

241, 102, 102



Protanomaly

187, 131, 115



Deuteranomaly

200, 127, 98



Tritanomaly

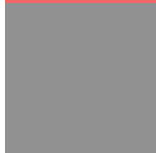
241, 101, 106

Monochromacy



Original Color

241, 102, 102



Achromatopsia

144, 144, 144



Achromatomaly

179, 129, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 102, 102 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(241, 102, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 102, 102) }
```

Border

The CSS property to change the border of an element to RGB 241, 102, 102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 102, 102) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(241, 102, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(241, 102, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(241, 102,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 241, 102, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 102, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
102, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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